



8165 E. Kaiser Blvd. Anaheim, CA 92808
 www.lightlaboratory.com

Photometric Test Report

IES ROAD REPORT
PHOTOMETRIC FILENAME : L061805901.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L061805901
 [TESTLAB] LIGHT LABORATORY, INC. (www.lightlaboratory.com)
 [ISSUEDATE] 7/5/2018
 [MANUFAC] USTE, dba Vista Professional Outdoor Lighting
 [LUMCAT] 1501-AL-30
 [LUMINAIRE] Steplight, louvered door, diffusion lens, 3 LED
 [BALLASTCAT] GE LIGHTECH GELD6DMV500SL
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
 [INPUT] 120VAC, 6.23W
 [TEST PROCEDURE] IESNA:LM-79-08

CHARACTERISTICS

IES Classification	Type IV
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	116
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	19
Total Luminaire Watts	6.23
Ballast Factor	1.00
Upward Waste Light Ratio	0.15
Maximum Candela	127.89
Maximum Candela Angle	0H 52.5V
Maximum Candela (<90 Degrees Vertical)	127.89
Maximum Candela Angle (<90 Degrees Vertical)	0H 52.5V
Maximum Candela At 90 Degrees Vertical	41.72 (36.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	74.09 (63.9% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)

IES ROAD REPORT
PHOTOMETRIC FILENAME : L061805901.IES

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	0.9	N.A.	0.8
FM - Front-Medium (30-60)	40.5	N.A.	34.9
FH - Front-High (60-80)	42.0	N.A.	36.2
FVH - Front-Very High (80-90)	14.6	N.A.	12.6
BL - Back-Low (0-30)	< 0.05	N.A.	0.0
BM - Back-Medium (30-60)	0.0	N.A.	0.0
BH - Back-High (60-80)	0.0	N.A.	0.0
BVH - Back-Very High (80-90)	0.0	N.A.	0.0
UL - Uplight-Low (90-100)	8.3	N.A.	7.2
UH - Uplight-High (100-180)	9.6	N.A.	8.3
Total	115.9	N.A.	100.0
BUG Rating	B0-U1-G1		

ZONAL LUMEN SUMMARY

Zone	%
0-20	0.1
0-30	0.8
0-40	4.6
0-60	35.7
0-80	71.9
0-90	84.5
10-90	84.5
20-40	4.5
20-50	16.5
40-70	50.3
60-80	36.2
70-80	17
80-90	12.6
90-110	11.2
90-120	13.4
90-130	14.8
90-150	15.5
90-180	15.5
110-180	4.3
0-180	100

IES ROAD REPORT
PHOTOMETRIC FILENAME : L061805901.IES

CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	<u>0</u>	<u>5</u>	<u>10</u>	<u>15</u>	<u>20</u>	<u>25</u>	<u>30</u>	<u>35</u>	<u>40</u>	<u>45</u>
0.0	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
2.5	0.26	0.26	0.26	0.26	0.26	0.25	0.25	0.25	0.24	0.24
5.0	0.35	0.35	0.35	0.35	0.34	0.34	0.33	0.32	0.31	0.30
7.5	0.57	0.57	0.56	0.55	0.54	0.51	0.49	0.46	0.43	0.39
10.0	0.80	0.80	0.78	0.77	0.74	0.71	0.68	0.64	0.59	0.54
12.5	1.07	1.08	1.06	1.03	1.00	0.95	0.89	0.82	0.76	0.69
15.0	1.42	1.42	1.39	1.35	1.30	1.23	1.15	1.06	0.96	0.86
17.5	1.69	1.69	1.66	1.61	1.57	1.51	1.44	1.33	1.20	1.06
20.0	2.35	2.37	2.30	2.21	2.08	1.87	1.65	1.55	1.44	1.29
22.5	4.56	4.59	4.30	3.95	3.48	2.87	2.44	2.01	1.62	1.48
25.0	7.26	7.18	6.88	6.41	5.73	4.88	4.06	3.11	2.40	1.63
27.5	11.34	11.20	10.69	9.88	8.70	7.37	6.22	4.95	3.76	2.64
30.0	16.98	16.77	16.03	14.79	12.98	10.97	9.04	7.29	5.50	4.01
32.5	25.62	25.21	23.91	21.77	18.90	16.04	12.76	10.22	7.87	5.64
35.0	36.41	35.81	33.97	30.93	26.78	22.70	18.21	14.05	10.72	7.74
37.5	50.65	49.78	47.08	42.57	36.48	30.75	24.78	19.33	14.21	10.11
40.0	69.74	68.38	64.04	57.46	49.33	40.62	32.36	25.01	18.68	13.29
42.5	86.64	85.15	80.72	73.78	64.46	52.88	41.53	31.53	23.48	16.97
45.0	101.51	99.92	95.33	87.96	77.90	65.82	51.93	38.88	28.34	20.58
47.5	114.93	113.15	108.05	99.91	89.11	76.20	61.42	46.49	34.01	24.31
50.0	124.30	122.68	117.88	110.17	98.49	84.14	67.38	52.97	38.49	27.79
52.5	127.89	126.30	122.44	116.96	105.53	91.22	72.91	58.02	42.32	30.30
55.0	125.30	124.25	121.38	116.78	107.98	95.21	74.54	61.07	45.07	32.01
57.5	118.42	117.90	116.38	112.85	106.19	95.55	77.42	62.66	46.84	33.19
60.0	111.54	111.05	109.74	107.06	101.73	92.85	77.15	62.78	47.39	33.71
62.5	106.01	105.53	103.84	100.89	96.11	88.28	74.73	61.43	46.70	33.79
65.0	100.47	100.29	98.95	95.76	91.05	81.72	70.82	59.22	45.16	33.08
67.5	97.38	96.70	94.66	91.62	86.60	76.00	69.01	56.70	43.62	32.27
70.0	94.28	93.59	91.35	87.81	82.56	72.48	65.12	53.74	41.39	31.19
72.5	90.07	89.51	87.69	83.94	77.00	69.97	61.65	50.59	39.28	29.96
75.0	85.85	84.86	82.78	79.48	72.08	66.87	57.72	47.49	37.26	28.63
77.5	79.97	79.21	77.41	74.29	68.88	62.35	53.69	44.50	35.07	27.58
80.0	74.09	72.67	71.41	68.29	63.65	57.21	49.53	41.55	33.10	26.42
82.5	66.11	65.99	64.51	61.82	57.60	52.33	45.58	38.25	31.20	25.09
85.0	58.12	57.58	56.11	53.96	50.54	45.68	40.73	34.15	28.30	23.53
87.5	49.92	48.62	47.42	45.46	42.50	38.43	33.53	29.44	24.72	21.45
90.0	41.72	41.14	40.40	38.52	35.46	31.95	28.23	24.46	21.30	18.65
92.5	36.58	35.75	35.01	33.29	30.47	27.15	24.26	20.93	18.69	17.41
95.0	31.43	31.46	30.72	28.99	26.34	23.55	20.58	18.48	17.01	15.16
97.5	28.09	27.80	27.04	25.47	23.15	20.60	18.37	16.71	14.97	12.45
100.0	24.76	24.59	23.82	22.36	20.41	18.28	16.54	14.35	12.33	10.98
102.5	21.97	21.77	20.97	19.61	18.04	16.00	14.09	12.27	10.86	9.57
105.0	19.19	18.98	18.07	17.19	15.52	13.92	12.22	10.79	9.46	8.25
107.5	16.42	16.18	15.38	14.78	13.33	11.94	10.58	9.40	8.21	7.17
110.0	13.66	13.60	13.21	12.35	11.48	10.35	9.16	8.14	7.03	6.13
112.5	11.72	11.63	11.17	10.63	9.80	8.84	7.85	7.00	6.16	5.47
115.0	9.79	9.79	9.57	8.99	8.45	7.53	6.88	6.26	5.84	5.56
117.5	8.58	8.52	8.17	7.84	7.42	6.82	6.41	6.15	5.94	5.79
120.0	7.36	7.43	7.44	7.25	6.80	6.62	6.44	6.32	6.18	6.04
122.5	7.19	7.20	7.12	6.91	6.81	6.72	6.63	6.54	6.42	6.35
125.0	7.02	7.03	7.04	7.01	6.96	6.90	6.86	6.52	5.55	4.00
127.5	7.16	7.17	7.18	7.17	7.14	6.89	6.31	5.42	4.09	2.77
130.0	7.33	7.22	7.01	7.02	6.46	5.85	4.97	3.91	2.79	1.67

IES ROAD REPORT
PHOTOMETRIC FILENAME : L061805901.IES

CANDELA TABULATION - (Cont.)

132.5	6.22	6.17	5.97	5.58	5.05	4.35	3.55	2.60	1.68	0.89
135.0	4.67	4.63	4.43	4.09	3.65	3.05	2.33	1.54	0.80	0.29
137.5	3.29	3.27	3.11	2.84	2.43	1.90	1.27	0.71	0.33	0.23
140.0	2.18	2.14	2.00	1.72	1.34	0.83	0.53	0.27	0.22	0.21
142.5	1.07	1.07	0.95	0.71	0.32	0.32	0.23	0.21	0.21	0.20
145.0	0.24	0.25	0.26	0.25	0.21	0.21	0.21	0.20	0.20	0.20
147.5	0.21	0.21	0.20	0.20	0.20	0.21	0.20	0.19	0.19	0.19
150.0	0.17	0.18	0.19	0.19	0.19	0.20	0.20	0.19	0.19	0.19
152.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Horizontal Angles

	<u>50</u>	<u>55</u>	<u>60</u>	<u>65</u>	<u>70</u>	<u>75</u>	<u>80</u>	<u>85</u>	<u>90</u>	<u>95</u>
0.0	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
2.5	0.23	0.23	0.22	0.21	0.20	0.20	0.19	0.18	0.00	0.00
5.0	0.29	0.28	0.27	0.25	0.24	0.22	0.21	0.19	0.00	0.00
7.5	0.35	0.33	0.31	0.29	0.27	0.24	0.22	0.20	0.00	0.00
10.0	0.48	0.42	0.35	0.32	0.29	0.26	0.23	0.20	0.00	0.00
12.5	0.62	0.54	0.46	0.37	0.33	0.29	0.25	0.21	0.00	0.00
15.0	0.76	0.67	0.57	0.47	0.37	0.32	0.27	0.22	0.00	0.00
17.5	0.93	0.80	0.68	0.56	0.44	0.34	0.29	0.23	0.00	0.00
20.0	1.11	0.95	0.78	0.65	0.51	0.37	0.30	0.24	0.00	0.00
22.5	1.32	1.10	0.91	0.74	0.58	0.43	0.33	0.25	0.00	0.00
25.0	1.48	1.28	1.04	0.83	0.65	0.49	0.35	0.27	0.00	0.00
27.5	1.62	1.43	1.18	0.93	0.72	0.54	0.37	0.28	0.00	0.00
30.0	2.57	1.58	1.30	1.03	0.78	0.58	0.38	0.29	0.00	0.00
32.5	3.83	2.19	1.48	1.12	0.85	0.63	0.42	0.30	0.00	0.00
35.0	5.30	3.34	1.85	1.20	0.92	0.67	0.45	0.31	0.00	0.00
37.5	6.91	4.53	2.49	1.27	0.99	0.71	0.48	0.32	0.00	0.00
40.0	8.89	5.85	3.44	1.69	1.06	0.76	0.51	0.33	0.00	0.00
42.5	11.40	7.21	4.31	2.24	1.15	0.80	0.54	0.34	0.00	0.00
45.0	14.42	9.11	5.32	2.87	1.35	0.84	0.57	0.35	0.00	0.00
47.5	17.35	11.37	6.58	3.58	1.64	0.88	0.60	0.37	0.00	0.00
50.0	19.89	13.77	8.06	4.34	2.01	0.93	0.63	0.38	0.00	0.00
52.5	22.28	15.81	10.01	5.15	2.46	1.01	0.66	0.39	0.00	0.00
55.0	23.64	17.57	11.76	6.40	2.88	1.13	0.69	0.40	0.00	0.00
57.5	24.36	18.56	13.34	7.83	3.39	1.26	0.71	0.41	0.00	0.00
60.0	24.87	19.06	14.17	8.99	4.19	1.44	0.73	0.42	0.00	0.00
62.5	24.92	19.33	14.61	9.99	5.03	1.65	0.75	0.43	0.00	0.00
65.0	24.69	19.44	14.90	10.34	5.73	1.92	0.76	0.44	0.00	0.00
67.5	24.07	19.20	15.14	10.55	6.16	2.15	0.76	0.43	0.00	0.00
70.0	23.43	18.77	14.96	10.73	6.25	2.35	0.75	0.42	0.00	0.00
72.5	22.97	18.36	14.67	10.77	6.28	2.35	0.71	0.41	0.00	0.00
75.0	22.41	18.09	14.49	10.59	6.30	2.25	0.66	0.39	0.00	0.00
77.5	21.98	17.82	14.29	10.42	6.23	2.20	0.61	0.38	0.00	0.00

IES ROAD REPORT
PHOTOMETRIC FILENAME : L061805901.IES

CANDELA TABULATION - (Cont.)

80.0	21.52	17.59	14.12	10.29	6.09	2.16	0.55	0.36	0.00	0.00
82.5	20.99	17.28	13.94	10.18	5.97	2.10	0.54	0.35	0.00	0.00
85.0	20.03	16.94	13.76	10.06	5.90	2.06	0.52	0.33	0.00	0.00
87.5	18.83	15.76	12.78	9.31	5.35	1.80	0.46	0.32	0.00	0.00
90.0	17.41	14.02	11.41	8.33	4.75	1.52	0.40	0.31	0.00	0.00
92.5	15.44	12.26	9.86	7.06	3.93	1.20	0.37	0.29	0.00	0.00
95.0	13.19	10.60	8.36	5.78	3.12	0.89	0.35	0.28	0.00	0.00
97.5	10.89	9.19	7.11	4.77	2.37	0.79	0.34	0.26	0.00	0.00
100.0	9.51	7.81	5.87	3.83	1.81	0.70	0.33	0.24	0.00	0.00
102.5	8.18	6.50	4.70	3.05	1.73	0.68	0.30	0.24	0.00	0.00
105.0	6.90	5.43	4.05	2.75	1.64	0.62	0.27	0.24	0.00	0.00
107.5	5.85	4.68	3.62	2.85	1.49	0.45	0.26	0.24	0.00	0.00
110.0	5.05	4.52	3.85	2.70	1.16	0.33	0.24	0.24	0.00	0.00
112.5	5.08	4.64	3.96	2.31	0.70	0.28	0.24	0.23	0.00	0.00
115.0	5.28	4.83	3.37	1.54	0.41	0.25	0.24	0.23	0.00	0.00
117.5	5.50	4.28	2.50	0.85	0.28	0.24	0.24	0.23	0.00	0.00
120.0	4.90	3.23	1.55	0.49	0.24	0.24	0.24	0.24	0.00	0.00
122.5	3.71	2.18	0.82	0.27	0.24	0.23	0.23	0.22	0.00	0.00
125.0	2.57	1.25	0.40	0.24	0.24	0.23	0.22	0.21	0.00	0.00
127.5	1.55	0.63	0.26	0.23	0.23	0.23	0.22	0.22	0.00	0.00
130.0	0.80	0.32	0.23	0.22	0.22	0.22	0.22	0.23	0.00	0.00
132.5	0.35	0.23	0.22	0.22	0.21	0.21	0.22	0.22	0.00	0.00
135.0	0.23	0.22	0.21	0.22	0.21	0.21	0.21	0.21	0.00	0.00
137.5	0.23	0.22	0.20	0.21	0.21	0.21	0.21	0.21	0.00	0.00
140.0	0.22	0.21	0.19	0.20	0.20	0.20	0.21	0.20	0.00	0.00
142.5	0.21	0.20	0.19	0.19	0.19	0.20	0.20	0.20	0.00	0.00
145.0	0.20	0.20	0.19	0.19	0.19	0.19	0.19	0.19	0.00	0.00
147.5	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.00	0.00
150.0	0.18	0.18	0.19	0.18	0.19	0.19	0.19	0.19	0.00	0.00
152.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Horizontal Angles

	<u>100</u>	<u>105</u>	<u>110</u>	<u>115</u>	<u>120</u>	<u>125</u>	<u>130</u>	<u>135</u>	<u>140</u>	<u>145</u>
0.0	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
2.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES ROAD REPORT
PHOTOMETRIC FILENAME : L061805901.IES

CANDELA TABULATION - (Cont.)

27.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
32.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
52.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
62.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
72.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
77.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
82.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
87.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES ROAD REPORT
PHOTOMETRIC FILENAME : L061805901.IES

CANDELA TABULATION - (Cont.)

167.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Horizontal Angles
Angles

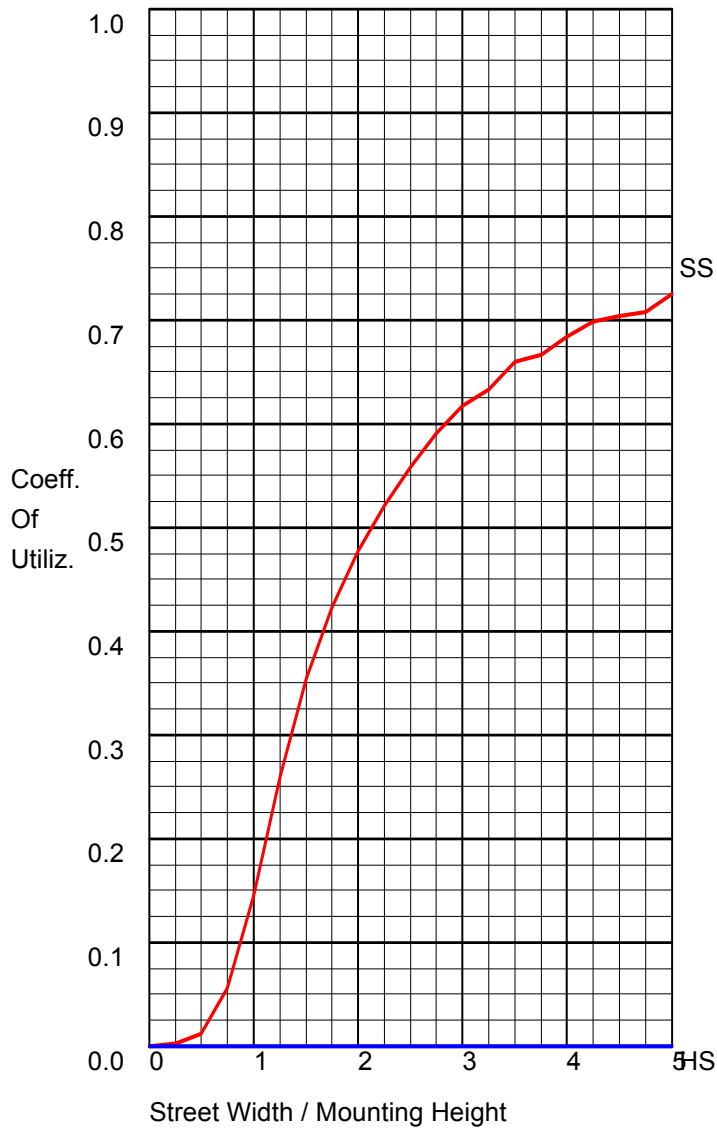
	150	155	160	165	170	175	180
0.0	0.17	0.17	0.17	0.17	0.17	0.17	0.17
2.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
17.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
27.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
32.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
52.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
62.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
67.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
72.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
77.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
82.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
87.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES ROAD REPORT
PHOTOMETRIC FILENAME : L061805901.IES

CANDELA TABULATION - (Cont.)

115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

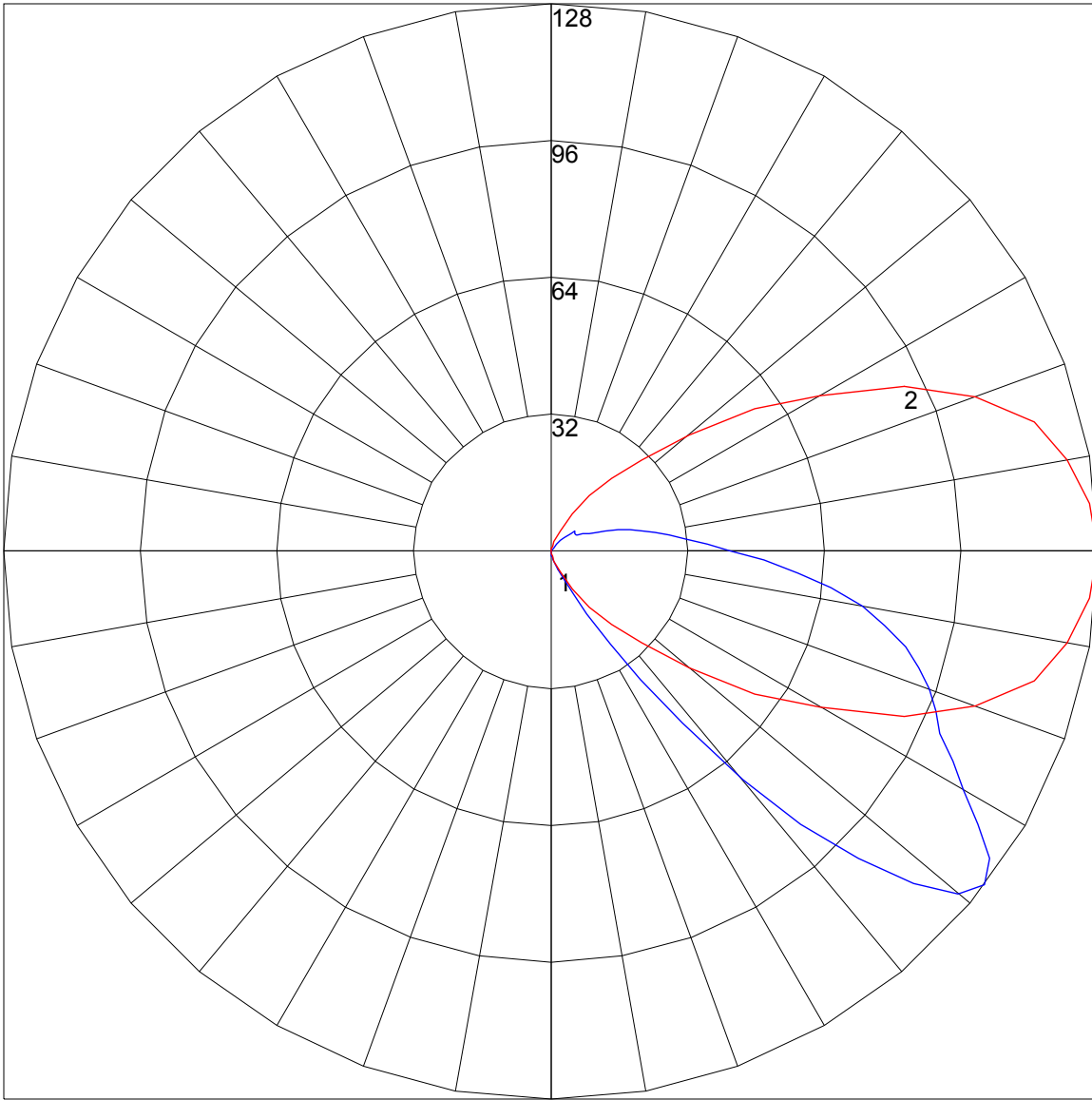
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

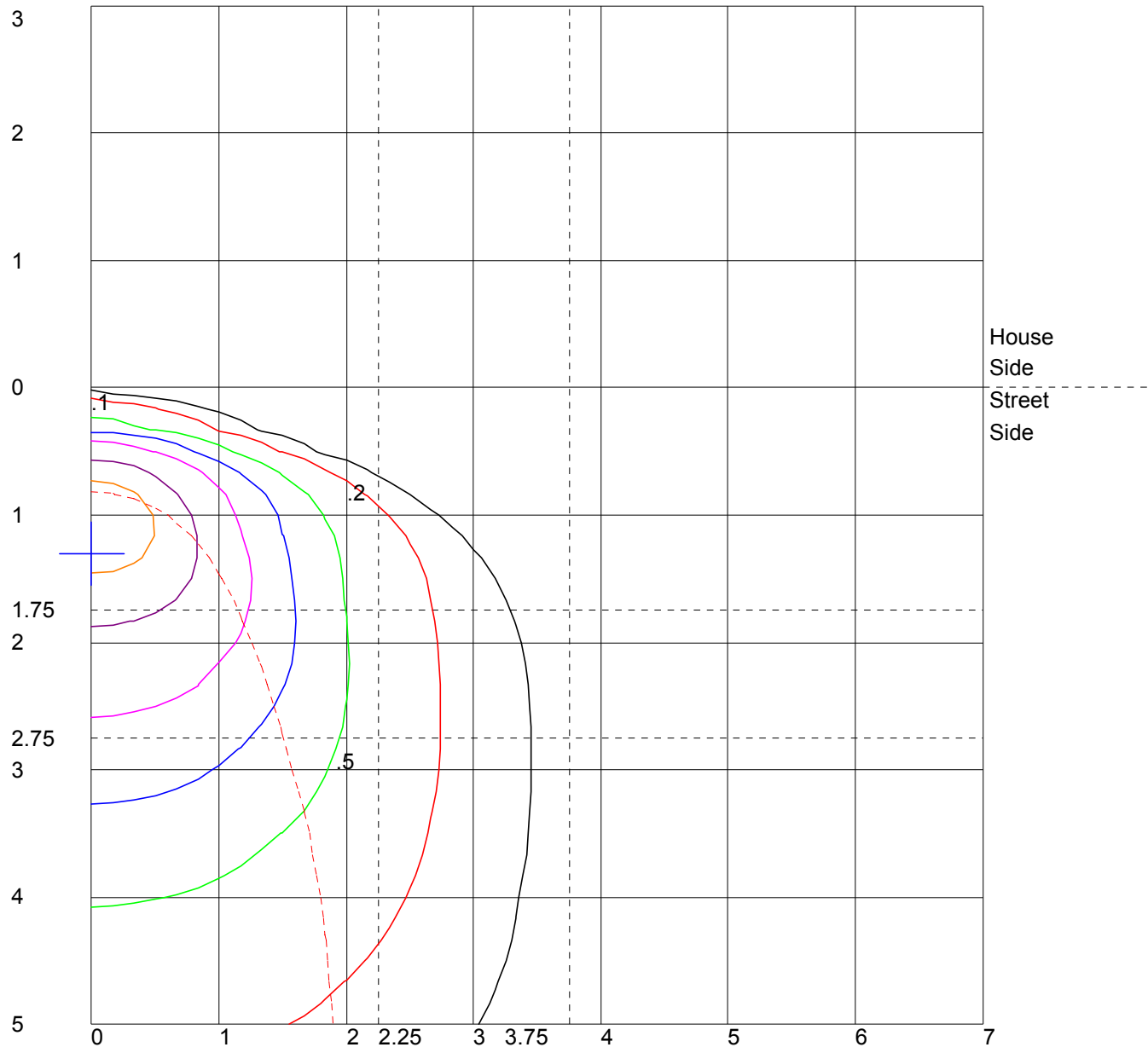
	Lumens	Percent Of Luminaire
Downward Street Side	98.0	84.5
Downward House Side	0.0	0.0
Downward Total	98.0	84.5
Upward Street Side	18.0	15.5
Upward House Side	0.0	0.0
Upward Total	18.0	15.5
Total Flux	116.0	100.0

POLAR GRAPH



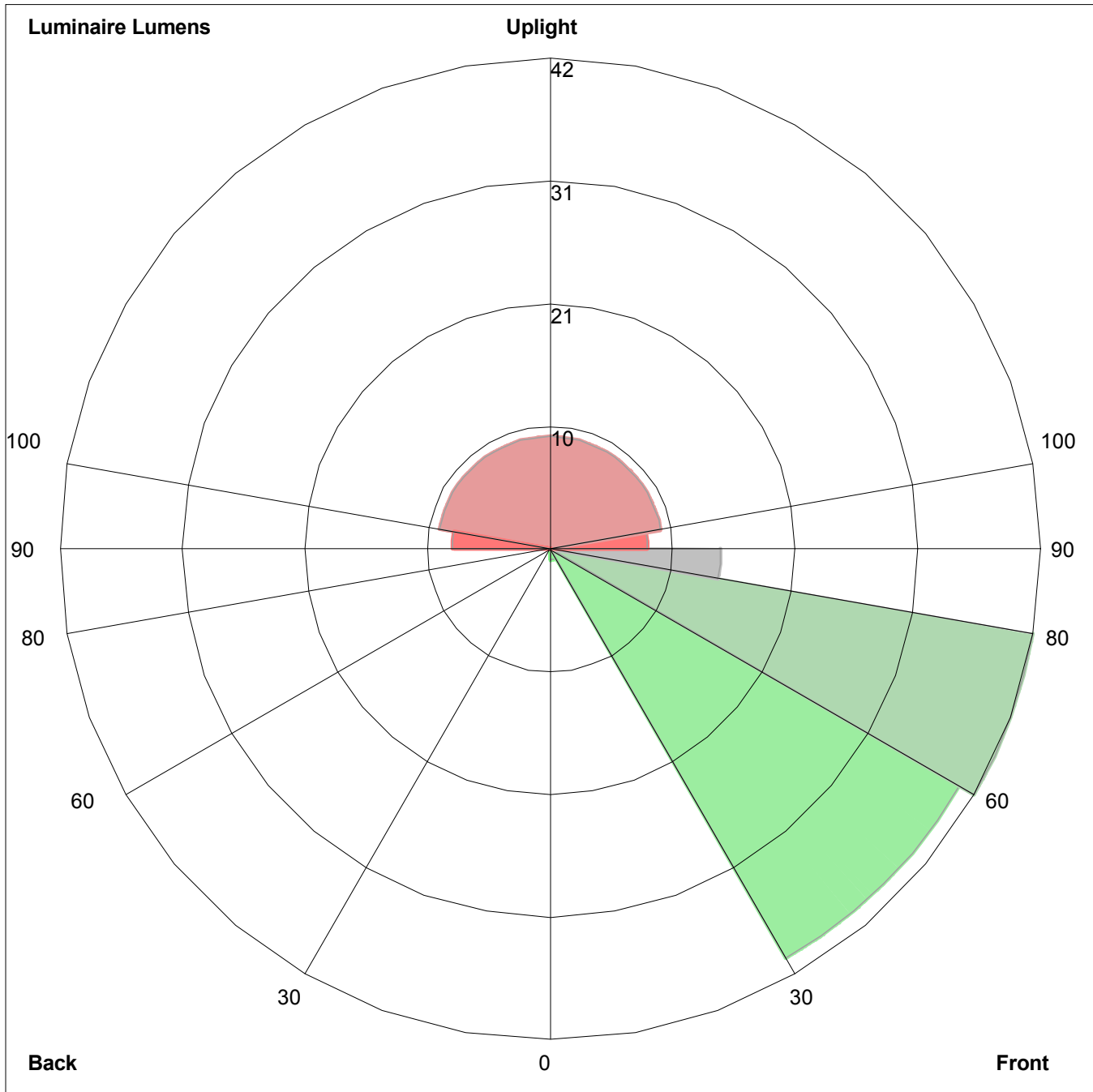
Maximum Candela = 127.89 Located At Horizontal Angle = 0, Vertical Angle = 52.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (52.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height
 Values Based On 1.5 Foot Mounting Height
 1/2 Maximum Candela Trace Shown As Dashed Curve
 (+) = Maximum Candela Point

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=0.9, Medium=40.5, High=42.0, Very High=14.6
Back: Low=0.0, Medium=0.0, High=0.0, Very High=0.0
Uplight: Low=8.3, High=9.6

BUG Rating : B0-U1-G1